WATER YEAR 2000 – NEAR-TERM MEASURES TO AVOID UNANTICIPATED FISHERY AND WATER SUPPLY CONFLICTS

PARTICIPANT	TYPE OF ACTION	AMOUNT OF WATER[1]	ESTIMATED COST/AF[2]	TOTAL COST
Near-Term Measures to Increase Operational Flexibility				
US Bureau of Reclamation	Joint Point of Diversion	30,000 AF	$15/AF	$450,000
Department of Water Resources	Increase Banks PP (500 cfs)	70,000 – 90,000 AF	?/AF	?
Ops Group	Flexing the E/I Ratio	?	?/AF	?
Subtotal		**Up to 120,000 AF**	**$15-?/AF**	**?**
Near-Term Measures to Acquire Water & Lease Storage Which Provide Long-term Benefits				
Vidler Water Company, Inc.	Water Acquisition	6,300 AF	$270/AF	$1,701,000[3]
Kern County Interests	Banked GW Purchase	100,000 AF[4]	$220/AF	$22,000,000
Vidler Water Company, Inc.	Lease of GW Storage Space	45,000 AF[5]	$186/AF[6]	$8,370,000
Subtotal		**151,300 AF**	**$186-$270/AF**	**$32,071,000**
Near-Term Measures to Reduce San Luis Reservoir Low-Point Problem				
Metropolitan Water District of Southern California	Source Shifting	60,000 AF	$75/AF	$4,500,000
Kern County Interests	Source Shifting	50,000 - 90,000 AF[7]	$75/AF[8]	$8,100,000
Subtotal		**Up to 150,000 AF**	**$75/AF**	**$12,600,000**

[1] Actual water supplies available under these measures would be affected by hydrologic conditions and regulatory decisions, including DOI's (b)(2) Plan.
[2] All of these values are preliminary, subject to negotiation, and dependent upon hydrologic conditions.
[3] Cost does not include purchasing or wheeling water to Semitropic.
[4] The actual amount that could be made available in any single year would be dependent upon the amount of money paid up-front.
[5] Assumes maximum put capacity of 7,000 AF per month (October 1999 to April 2000). This amount could be less due to Vidler's ability to both utilize other Semitropic partners put capacity and provide in-lieu surface water supplies to farmers.
[6] Lease price would be $36/yr/AF of stored water. Recovery capacity would be 25% of the total storage space leased. Energy expenses to recover water are $50/AF. In addition, Semitropic WD charges a $100/AF cycle fee.
[7] Two options are available for reoperation (1) shift deliveries that would normally be made in July and August to the September through December period; and (2) pump groundwater that would be replaced over the next five years with Section 215 Friant water supplies. The amount of April to August 2000 demand that could be shifted to after August depends upon the SWP allocations. At about a 50% allocation, there probably is little, if any ability to shift demands. At a full allocation, about 50,000 – 90,000 AF could be shifted. The cost would be about $75-90/AF.
[8] Price would be $75/AF if the water is repaid this year. Price does not include the cost associated with acquiring and conveying payback water.